

## State Laboratory Program - Calibration Scope Summary

State Laboratory	Certificate Date	Mass I Metric	Mass 1 Avdp	Mass 1 Oz	Mass II, Metric	Mass II, Avdp	Mass II, OZ	Mass III, Metric	Mass III, US Customary Avdp	Mass III, US Customary OZ	Mass III, Misc US Customary
Alabama	2024							25 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
Alaska	2024 to 2025 See NVLAP also.				30 kg to 1 mg	50 lb to 0.001 lb	8 oz to 0.03125 oz	30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
Arizona	2024 to 2025 See NVLAP also.				30 kg to 1 mg 500 kg to 250 kg (Internal Only)	50 lb to 0.001 lb 2500 lb to 500 lb (Internal Only)	8 oz to 0.03125 oz	500 kg to 1 mg	5000 lb to 0.001 lb	100 oz to 0.03125 oz	
Arkansas	2024							25 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
California	2024 to 2025 See NVLAP also				2 kg to 1 mg			30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.01 oz	
Colorado	2024 to 2025 See NVLAP also	20 kg to 1 mg			25 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 1/32 oz	50 kg to 1 mg	2500 lb to 0.001 lb	8 oz to 0.03125 oz	
Connecticut	Closed							25 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
Delaware	Closed										
District of Columbia	Closed										
Florida	2024 to 2025 See NVLAP also				10 kg to 1 mg	1000 lb 500 lb 25 lb to 0.001 lb	8 oz to 0.03125 oz	500 kg to 250 kg 25 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03215 oz	
Georgia	2024				20 kg to 1 mg			500 kg to 1 mg	1000 lb to 0.001 lb	4 oz to 0.03125 oz	
Hawaii	2024 to 2025	1 kg to 1 mg	2 lb to 0.001 lb	8 oz to 0.03125 oz	20 kg to 1 mg	1000 lb to 500 lb 50 lb to 3 lb		500 kg 30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
Idaho	2024				30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	30 kg to 1 mg	2500 lb to 0.001 lb	8 oz to 0.03125 oz	
Illinois	2024							30 kg to 1 mg	2500 lb to 0.001 lb	8 oz to 0.03125 oz	
Indiana	Closed							50 kg to 10 kg 5 kg to 1 mg	1250 lb to 20 lb 10 lb to 0.001 lb	4 oz to 0.03125 oz	
Iowa	Closed										
Kansas	2024 to 2025				30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	500 kg to 1 mg	3000 lb to 0.001 lb	8 oz to 0.03125 oz	
Kentucky	Closed							2 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
Los Angeles County	Closed										
Louisiana	2023 to 2024							1000 kg to 100 kg, 30 kg to 1 mg	2500 lb to 250 lb 50 lb to 0.001 lb	8 oz to 0.03125 oz	
Maine	2024 to 2025 See NVLAP also.				30 kg to 1 mg	1000 lb to 0.001 lb	8oz to 0.03125 oz	30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
Maryland	2023 to 2024							20 kg to 1 mg	50 lb to 0.001 lb	4 oz to 0.03125 oz	
Massachusetts	2024							30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	50 oz t to 0.005 oz t 12 oz ap to 0.5 gr
Michigan	2024 to 2025 See NVLAP also.	20 kg to 1 mg			20 kg to 1 mg	50 lb to 0.001 lb	8 oz to 0.03125 oz	500 kg to 50 kg 25 kg to 1 mg 500 kg to 1 mg	1000 lb to 100 lb 50 lb to 0.001 lb 1000 lb to 0.001 lb	8 oz to 0.03125 oz	
Minnesota	2024 to 2025 See NVLAP also.	10 kg 1 kg to 1 mg	50 lb 25 lb 1 lb to 0.001 lb		500 kg 250 kg 100 kg 5 kg to 1 mg	2500 lb 1000 lb 500 lb 250 lb 50 lb to 0.001 lb		30 kg to 1 mg	3000 lb to 200 lb 100 lb to 0.001 lb	4 oz to 0.03125 oz	
Mississippi	Closed							20 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	

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State Laboratory	Mass III, FIELD and Lottery Balls	Weight Carts	Wheel load weighers	Railroad Test Cars	Volume I, Gravimetric	Volume I, Gravimetric US Customary	Volume I, Gravimetric SVP	Volume II, Transfer	Volume II, Transfer FIELD
Alabama								5 gal	Field Calibrations 1500 gal to 25 gal
Alaska		Weight Carts 5000 lb to 3000 lb	Wheel-Load Weighers 40 000 lb to 5 000 lb			25 gal to 5 gal		1000 gal to 5 gal	Field Calibrations 750 gal to 5 gal
Arizona		Weight Carts 5000 lb to 2000 lb				100 gal to 1 gal		500 gal to 1 gal	
Arkansas								5 gal	
California	Field Calibrations: 50 lb to 25 lb					5 gal to 1 gill		1000 gal to 1 gal	Field Calibrations 500 gal to 5 gal
Colorado		Weight Carts 5000 lb to 2000 lb				100 gal to 5 gal		100 gal to 5 gal	
Connecticut			Wheel-Load Weighers 40 000 lb to 10 000 lb					5 gal	
Delaware									
District of Columbia									
Florida		Weight Carts 5000 lb to 3000 lb						1500 gal to 5 gal	
Georgia		Weight Carts 5000 lb to 3000 lb						500 gal to 5 gal	
Hawaii					2 L to 100 mL	25 gal to 2 fl oz		1000 gal to 50 gal 15 gal 5 gal	
Idaho		Weight Carts 3000 lb to 2000 lb				5 gal		750 gal to 5 gal	
Illinois		Weight Carts 5000 lb 2500 lb						1500 gal to 5 gal	
Indiana		Weight Carts 6000 lb to 3000 lb						100 gal 50 gal 5 gal	
Iowa									
Kansas		Weight Carts 8000 lb to 3000 lb				5 gal		1500 gal to 5 gal 19 L	
Kentucky								100 gal to 5 gal	
Los Angeles County									
Louisiana								5 gal	
Maine		Weight Carts 7000 lb to 2000 lb	Wheel Load Weighers 20 000 lb to 5000 lb		200 L to 5 L	100 gal to 5 gal		5000 L to 19 L 1500 gal to 5 gal	
Maryland								5 gal	
Massachusetts								100 gal, 50 gal, 5 gal	
Michigan		Weight Carts 6000 lb to 3000 lb	Wheel-Load Weighers ≤ 20 000 lb		2 L to 100 mL	25 gal to 5 gal 1 gal to 0.5 pt	SVP 30 gal to 5 gal	2000 gal to 5 gal	
Minnesota		Weight Carts 5 000 lb to 2000 lb	Wheel-Load Weighers 12 000 lb to 4000 lb	Railroad Test Cars 110 000 lb to 80 000 lb 10 000 lb to 8 000 lb	20 L to 10 mL 12 fl oz	100 gal to 0.25 gal 1 gal slicker		1500 gal to 5 gal	
Mississippi		Weight Carts 6000 lb to 5000 lb						100 gal to 5 gal	

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State Laboratory	LPG	Length, Tape to Tape	Length, Bench and Rules	Lottery Balls	Temp C	Temp F	Time	Frequency, Tuning Forks	Special
Alabama									
Alaska					100 °C to -20 °C	120 °F to -20 °F		7000 Hz to 1000 Hz	
Arizona	100 gal to 25 gal LPG								
Arkansas									
California	Lab: 100 gal to 25 gal Field: 100 gal to 25 gal	100 ft to 1 ft			65.556 °C to 0 °C	150 °F to 32 °F	3 h		AC Energy—Watt-hour Calibrator 240 V to 120 V Range 250 mA to 50 A (0° Phase Angle)
Colorado	100 gal, 25 gal							Tuning Forks ≤ 80 mph	
Connecticut									
Delaware									
District of Columbia									
Florida	100 gal 25 gal								
Georgia	500 gal to 20 gal								
Hawaii							≤ 24 hr		
Idaho	100 gal to 20 gal LPG								
Illinois	100 gal, 20 gal LPG								
Indiana	100 gal LPG								
Iowa									
Kansas	100 gal to 20 gal								
Kentucky									
Los Angeles County									
Louisiana									
Maine	300 gal to 20 gal LPG								Length, Shellfish 6 in to 1 in
Maryland									
Massachusetts									
Michigan	100 gal to 20 gal LPG								
Minnesota	200 gal to 25 gal								Volume Neck Scale Plate Check: 1500 gal to 20 gal 5 gal 200 gal to 25 gal LPG
Mississippi									

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Missouri	2024				30 kg to 1 mg	1000 lb, 500 lb 50 lb to 0.001 lb	4 oz to 0.03125 oz	250 kg to 1 mg	6500 lb to 0.001 lb	4 oz to 0.03125 oz	
Montana	2024							25 kg to 1 mg	2500 lb to 0.001 lb	8 oz to 0.03125 oz	
Nebraska	2023 to 2024							30 kg to 1 mg	3000 lb to 0.001 lb	8 oz to 0.03125 oz	
Nevada	2023 to 2024 See NVLAP Also				25 kg to 1 mg	50 lb to 0.001 lb	4 oz to 1/32 oz	25 kg to 1 mg	1000 lb to 0.001 lb	4 oz to 0.03125 oz	
New Hampshire	Closed										
New Jersey	2024							30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
New Mexico	Closed	20 kg to 1 mg			30 kg to 1 mg	50 lb to 0.5 lb	8 oz to 0.03125 oz	500 kg to 1 mg	5000 lb to 0.001 lb	8 oz to 0.03125 oz	500 gr to 200 gr 10 N to 1 N
New York	2023 to 2024 See NVLAP also.	25 kg to 1 mg (Internal Only)	50 lb to 0.001 lb (Internal Only)		25 kg to 1 mg (external) 500 kg, 200 kg, 25 kg (Internal Only)	50 lb to 0.001 lb (external) 2500 lb to 50 lb (Internal Only)	8 oz to 0.03125 oz	1000 kg to 1 mg	2500 lb to 0.001 lb	8 oz to 0.03125 oz	
North Carolina	2024	30 kg to 1 mg	50 lb to 0.001 lb		250 kg to 1 mg	2500 lb to 0.001 lb	8 oz to 1/32 oz	1000 kg to 1 mg	2500 lb to 0.001 lb	8 oz to 0.03125 oz	
North Dakota	Closed										
Ohio	2024 to 2025 See NVLAP also.				30 50 kg to 1 mg	50 lb to 0.001 lb	8 oz to 1/64 oz	1000 kg to 1 mg	5000 lb to 0.001 lb	8 oz to 1/64 oz	
Oklahoma	Closed	30 kg to 1 mg	50 lb 25 lb		1200 kg to 1 mg	2500 lb to 1 µlb		3000 kg to 1 mg	6000 lb to 0.001 lb		100 oz to 0.005 oz 20 oz t to 1 oz t
Oregon	2024 to 2025 See NVLAP also.	30 kg to 1 mg	50 lb to 0.001 lb	4 oz to 0.03125 oz	1 kg to 1 mg	1000 lb 500 lb 50 lb		500 kg to 1 mg	5000 lb to 0.001 lb	8 oz to 0.03125 oz	
Pennsylvania	2024 to 2025 See NVLAP also.				30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	2500 kg to 1 mg	5000 lb to 0.001 lb	12 oz to 0.01 oz	200 oz t to 0.005 oz t 1000 gr to 0.1 gr
Puerto Rico	Closed										
Rhode Island	Closed										
South Carolina	2024				20 kg to 1 mg	2000 lb, 1000 lb, 500 lb, and 50 lb to 0.001 lb	8 oz to 0.03125 oz	2000 kg to 1 mg	2500 lb to 0.001 lb	8 oz to 0.03125	
South Dakota	2024 to 2025				5 kg to 1 mg	10 lb to 0.001 lb	8 oz to 0.03125 oz	30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
Tennessee	2024 to 2025				1 kg to 1 mg			25 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
Texas	2024 to 2025							1000 kg to 1 mg	5000 lb to 0.001 lb	12 oz to 0.03125 oz	
USDA, AMS, FGIS	2024								10 000 lb 1000 lb 50 lb 25 lb		
Utah	2024							30 kg to 1 mg	50 lb to 0.001 lb	4 oz to 0.03125 oz	

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Missouri		Weight Carts 6500 lb to 2000 lb			500 mL	1 gal to 2 fl oz		1500 gal to 5 gal	
Montana		Weight Carts 2500 lb to 2000 lb							
Nebraska		Weight Carts 5000 lb to 3000 lb						1000 gal to 5 gal	
Nevada						5 gal to 2 fl oz		600 gal to 5 gal	
New Hampshire									
New Jersey			Wheel-Load Weighers 20 000 lb to 2500 lb					1500 gal to 5 gal	
New Mexico		Weight Carts 5000 lb to 1000 lb			3 L to 1 L	5 gal to 2 fl oz		20 L 500 gal to 1 gal	
New York	Lottery Balls 85 g to 2.0 g	Weight Carts 5000 lb to 2000 lb				200 gal to 100 gal (internal only) 100 gal to 2 fl oz		120 L to 19 L 2000 gal to 5 gal	
North Carolina	Lottery Balls 2.65 g	Weight Carts 6000 lb to 3000 lb			50 mL	100 gal to 1 gill	30 gal to 5 gal SVP	2000 gal to 1 gal	
North Dakota									
Ohio		Weight Carts 6000 lb to 3000 lb						1000 gal to 5 gal	
Oklahoma		Weight Carts 5500 lb to 2000 lb				100 gal to 5 gal 1 gal to 1 fl oz		375 gal to 5 gal	
Oregon						5 gal		1000 gal to 5 gal	
Pennsylvania		Weight Carts 6000 lb to 3000 lb	Wheel-Load Weighers ≤ 40 000 lb		5000 L to 20 L	120 gal to 1 gal 5 gal (Imperial)		5000 L to 20 L 1500 gal to 5 gal	
Puerto Rico									
Rhode Island									
South Carolina		Weight Carts 6000 lb to 3000 lb	Wheel-Load Weighers 40 000 lb to 10 000 lb		5 gal			20 L to 4-5 L 1500 gal to 1 gal	
South Dakota		Weight Carts 5000 lb to 2000 lb						1500 gal to 50 gal 5 gal	
Tennessee						5 gal		1000 gal to 100 gal 5 gal	
Texas		Weight Carts 6000 lb to 2500 lb						1000 gal to 5 gal	
USDA, AMS, FGIS				Railroad Test Cars 110 000 lb to 80 000 lb					
Utah								100 gal 5 gal	

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Missouri	100 gal, 25 gal LPG								
Montana									
Nebraska	100 gal 20 gal								
Nevada	100 gal, 20 gal								
New Hampshire									
New Jersey	100 gal to 20 gal LPG		Steel Tapes, Bench 500 ft to 1 ft  Rigid Rules 192 in to 6 in				Stopwatches 24 h to 1 h	Tuning Forks ≤ 7000 Hz	
New Mexico	100 gal to 25 gal LPG								
New York	100 gal to 20 gal LPG		Tapes (Bench Method) 200 ft to 1 ft  Rigid Rules (Bench Method) 16 ft to 1 in  Rigid Rules (Rule Method) 24 in to 1 in  Fabric Tapes 12 yd to 0.25 yd Bench, Bench Calibration 16 ft to 1 ft (Internal Only)	Lottery Ball 5.5 cm to 3.5 cm 2.0 to 85 g			≤ 3 h		
North Carolina	110 gal to 24 gal			Lottery Balls 39 mm to 37 mm	660 °C to -30 °C	1220 °F to -22 °F			
North Dakota									
Ohio	100 gal LPG						Stopwatches ≤ 24 h		
Oklahoma									
Oregon					30 °C to 0.01 °C				
Pennsylvania		Steel Tapes ≤ 200 ft					Stopwatches ≤ 24 h		Force ≤ 50 lbf
Puerto Rico									
Rhode Island									
South Carolina	100 gal, 25 gal								
South Dakota	100 gal to 25 gal								
Tennessee									
Texas	100 gal 25 gal								
USDA, AMS, FGIS									
Utah									

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Vermont	2024 to 2025							30 kg to 1 mg	1000 lb to 0.001 lb	8 oz to 0.03125 oz	
Virgin Islands	Closed										
Virginia	2024 See NVLAP also				20 kg to 1 mg			25 kg to 1 mg	2500 lb to 0.001 lb	8 oz to 0.03125 oz	
Washington	2024 to 2025 See NVLAP also	20 kg to 1 mg	50 lb to 0.001 lb		25 kg to 1 mg	1000 lb to 0.001 lb	4 oz to 0.03125 oz	25 kg to 1 mg	4000 lb to 0.001 lb	4 oz to 0.03125 oz	
West Virginia	2024							25 kg to 1 mg	1000 lb to 0.001 lb	4 oz to 0.03125 oz	
Wisconsin	2024 to 2025				5 kg to 1 mg	10 lb to 0.001 lb	8 oz to 0.03125 oz	500 kg to 50 kg 25 kg to 1 mg	3000 lb to 0.001 lb	8 oz to 0.03125 oz	
Wyoming	2024 to 2025							5 kg to 1 g	3000 lb to 0.001 lb	8 oz to 0.3125 oz	

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Vermont		Weight Carts 7000 lb to 1000 lb						200 gal to 5 gal	
Virgin Islands									
Virginia		Weight Carts 6000 lb to 3000 lb						10 gal to 5 gal	
Washington		Weight Carts 4000 lb to 3000 lb			100 mL (INTERNAL ONLY)	5 gal to 1 pt		1000 gal to 5 gal	
West Virginia		Weight Carts/Railroad Carts 6000 lb to 3000 lb/ 6000 lb						1000 gal to 5 gal	
Wisconsin		Weight Carts 6000 lb to 3000 lb						1000 gal to 10 gal 100 gal to 5 gal	
Wyoming		Weight Carts 5000 lb to 2000 lb						1000 gal to 5 gal	

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Vermont	100 gal to 25 gal								Hydrometers Brix (10 degrees to 0 degrees) Baume (45 degrees to 35 degrees)
Virgin Islands									
Virginia								Turning Forks 10 kHz to 1 kHz	
Washington	200 gal to 19 gal LPG						≤ 24 h		
West Virginia	100 gal 25 gal								
Wisconsin	750 gal to 25 gal LPG							Stopwatches 8 h to 1 min	
Wyoming	100 gal 25 gal								